AMENDMENTS TO THE CLAIMS

Listing of Claims in the case

The following listing of claims replaces all previous versions:

1. (Currently Amended) A method for dynamic configuration of a mobile access point, said method comprising:

determining a position of said mobile access point based on a position determination system, said mobile access point operable to facilitate wireless communications between a distributed computer network and a wireless client device;

identifying a region based on said position; and

automatically updating configuration information associated with an application of said mobile access point based on said region, wherein said configuration information is for configuring wireless communications for said mobile access point within said region.

2. (Original) The method as recited in Claim 1 wherein said mobile access point comprises a router.

3. (Original) The method as recited in Claim 1 wherein said mobile access point communicates by a wireless connection to a distributed computer network in said region using Mobile Internet protocol (IP).

4. (Original) The method as recited in Claim 1 wherein said application operates at a physical layer of a protocol stack of said mobile access point.

5. (Original) The method as recited in Claim 4 wherein said application is a transceiver providing communication over said wireless connection.

6. (Original) The method as recited in Claim 5 wherein said configuration information comprises a radio frequency, a maximum conducted power output, and a maximum antenna gain.

7. (Original) The method as recited in Claim 1 wherein said determining said position is performed periodically according to a predetermined time period.

8. (Original) The method as recited in Claim 1 wherein said position determination system is a global positioning system (GPS) system.

9. (Original) The method as recited in Claim 1 wherein said application operates at an application layer of a protocol stack of said mobile access point.

10. (Original) The method as recited in Claim 1 wherein said configuration information is selected from a group consisting of: language; routing protocol; service provider; management protocol; telephone number; identification of entity for managing said mobile access point.

11. (Currently Amended) A mobile access point comprising:

a processor for updating configuration information in response to a geographic position, wherein said configuration information is for configuring wireless communications for said mobile access point within a region;

a transceiver coupled to said processor, said transceiver associated with said configuration information and communicatively coupled to a distributed computer network over a wireless connection, said mobile access point operable to facilitate wireless communications between said distributed computer network and a wireless client device over said wireless connection;

a memory unit coupled to said processor, said memory unit comprising said configuration information associated with said transceiver for a plurality of regions; and

a position determination system coupled to said processor, said position determination system for identifying said geographic position of said mobile access point.

12. (Original) The mobile access point as recited in Claim 11 wherein said mobile access point is operable to provide routing capability for routing data packets.

13. (Original) The mobile access point as recited in Claim 11 wherein said mobile access point is communicatively coupled to said distributed computer network using Mobile Internet protocol (IP).

14. (Original) The mobile access point as recited in Claim 11 wherein said configuration information comprises a radio frequency, a maximum conducted power output, and a maximum antenna gain.

15. (Original) The mobile access point as recited in Claim 11 wherein said position determination system is operable to identify said geographic position periodically according to a predetermined time period.

16. (Original) The mobile access point as recited in Claim 11 wherein said memory unit further comprises second configuration information of an application for a second plurality of regions.

17. (Original) The mobile access point as recited in Claim 16 wherein said processor is operable to update said second configuration information in response to said geographic position.

18. (Original) The mobile access point as recited in Claim 11 wherein said position determination system is a global positioning system (GPS) system.

19. (Original) The mobile access point as recited in Claim 16 wherein said application operates at an application layer of a protocol stack of said mobile access point.

20. (Original) The mobile access point as recited in Claim 11 wherein said configuration information is selected from a group consisting of: language; routing protocol; service provider; management protocol; telephone number; identification of entity for managing said mobile access point.

21. (Currently Amended) A computer-readable medium having computer-readable program code embodied therein for causing a computer system to perform a method of dynamic configuration of a mobile access point, said mobile access point operable to facilitate wireless communications between a distributed computer network and a wireless client device, said method comprising:

determining a position of said mobile access point based on a position determination system;

identifying a region based on said position; and

automatically updating configuration information associated with an application of said mobile access point based on said region, wherein said configuration information is for configuring wireless communications for said mobile access point within said region.

22. (Original) The computer-readable medium as recited in Claim 21 wherein said mobile access point comprises a router.

23. (Original) The computer-readable medium as recited in Claim 21 wherein said mobile access point communicates by a wireless connection to a distributed computer network in said region using Mobile Internet protocol (IP).

24. (Original) The computer-readable medium as recited in Claim 21 wherein said application operates at a physical layer of a protocol stack of said mobile access point.

25. (Original) The computer-readable medium as recited in Claim 24 wherein said application is a radio providing communication over said wireless connection.

26. (Original) The computer-readable medium as recited in Claim 25 wherein said configuration information comprises a radio frequency, a maximum conducted power output, and a maximum antenna gain.

27. (Original) The computer-readable medium as recited in Claim 21 wherein said determining said position is performed periodically according to a predetermined time period.

28. (Original) The computer-readable medium as recited in Claim 21 wherein said position determination system is a global positioning system (GPS) system.

29. (Original) The computer-readable medium as recited in Claim 21 wherein said application operates at an application layer of a protocol stack of said mobile access point.

30. (Original) The computer-readable medium as recited in Claim 21 wherein said configuration information is selected from a group consisting of: language; routing protocol; service provider; management protocol; telephone number; identification of entity for managing said mobile access point.

31. (Currently Amended) A system for dynamic configuration of a mobile access point, said mobile access point operable to facilitate wireless communications between a distributed computer network and a wireless client device, said system ~~method~~ comprising:

means for determining a position of said mobile access point based on a position determination system;

means for identifying a region based on said position; and

means for automatically updating configuration information associated with an application of said mobile access point based on said region, wherein said configuration information is for configuring wireless communications for said mobile access point within said region.

32. (Original) The system as recited in Claim 31 wherein said mobile access point comprises a routing means.

33. (Original) The system as recited in Claim 31 wherein said mobile access point communicates by a wireless means to a distributed computer network in said region using mobile Internet protocol (IP).

34. (Original) The system as recited in Claim 31 wherein said application operates at a physical layer of a protocol stack of said mobile access point.

35. (Original) The system as recited in Claim 34 wherein said application is a transceiver providing communication over said wireless connection.

36. (Original) The system as recited in Claim 35 wherein said configuration information comprises a radio frequency, a maximum conducted power output, and a maximum antenna gain.

37. (Original) The system as recited in Claim 31 wherein said means for determining said position performs periodically according to a predetermined time period.

38. (Original) The system as recited in Claim 31 wherein said position determination system is a global positioning system (GPS) system.

39. (Original) The system as recited in Claim 31 wherein said application operates at an application layer of a protocol stack of said mobile access point.

40. (Original) The system as recited in Claim 31 wherein said configuration information is selected from a group consisting of: language; routing protocol; service provider; management protocol; telephone number; identification of entity for managing said mobile access point.